| Туре | Hits | Search Text | DBs | Time Stamp |
|--------|----------|--|-------|------------|
| 1 BRS | 0 | "light emitting device" and semiconductor adj material and "p-type layer" and "n-type layer" and "ohmic layer" and "reflector layer" | USPAT | 2001/03/15 |
| 2 BRS | 0 | "light emitting device" and semiconductor and "p-type layer" and "n-type layer" and "ohmic layer" and "reflector layer" | USPAT | 2001/03/12 |
| 3 BRS | 0 | "light emitting device" and semiconductor and "p-type layer" and "ohmic layer" and "reflector layer" | USPAT | 2001/03/12 |
| 4 BRS | 0 | "light emitting device" and semiconductor and "ohmic layer" and "reflector layer" | USPAT | 2001/03/12 |
| 5 BRS | | de nd and | USPAT | 2001/03/12 |
| 6 BRS | , | "light emitting device" and semiconductor and "ohmic layer" and "p-type layer" | USPAT | 2001/03/12 |
| 7 BRS | 0 | light emitting device" and emiconductor and "ohmic lap-type layer" and "reflect | USPAT | 2001/03/12 |
| 8 BRS | 13 | device" d "ohmic | USPAT | 2001/03/12 |
| 9 BRS | 0 | "light emitting device" and semiconductor and "ohmic layer" and "p-type layer" and "mirror layer" | USPAT | 2001/03/12 |
| 10 BRS | 0 | "light emitting device" and semiconductor and "ohmic layer" and "p-type layer" and "reproducer layer" | USPAT | 2001/03/12 |

| Туре | Hits | Search Text | DBs | Time Stamp |
|--------|------|---|-------|------------------|
| 11 BRS | 0 | "light emitting device" and semiconductor and "ohmic layer" and "p-type layer" and "replicator layer" | USPAT | 2001/03/12 10:24 |
| 12 BRS | 0 | "light emitting diode" and semiconductor and "ohmic layer" and "p-type layer" and "replicator layer" | USPAT | 2001/03/12 10:24 |
| 13 BRS | 0 | "light emitting diode" and semiconductor and "ohmic layer" and "p-type layer" and "replicate layer" | USPAT | 2001/03/12 10:24 |
| 14 BRS | 0 | "light emitting divice" and semiconductor and "ohmic layer" and "p-type layer" and "replicate layer" | USPAT | 2001/03/12 10:25 |
| 15 BRS | 0 | "light emitting divice" and semiconductor and "ohmic layer" and "p-type layer" and "replicate" | USPAT | 2001/03/12 10:25 |
| 16 BRS | 0 | emitting divice" ductor and "ohmic layer" and "mirr | USPAT | 2001/03/12 10:26 |
| 17 BRS | 0 | "light emitting divice" and semiconductor and "ohmic layer" and "p-type layer" and "reproduce" | USPAT | 2001/03/12 10:26 |
| 18 BRS | 0 | and ond | USPAT | 2001/03/12 10:27 |
| 19 BRS | 0 | g divi type l | USPAT | 2001/03/12 10:27 |
| 20 BRS | 0 | "light emitting divice" and semiconductor and "ohmic layer" and "p-type layer" | USPAT | 2001/03/12 10:27 |
| 21 BRS | 1 | "light emitting device" and semiconductor and "ohmic layer" and "p-type layer" | USPAT | 2001/03/12 10:29 |
| 22 BRS | 0 | "light emitting device" and semiconductor and "ohmic layer" and "p-type layer" and replicator | USPAT | 2001/03/12 10:29 |

| | Type | Hits | Search Text | DBs | Time Stamp |
|----|------|-------|---|---|--|
| 23 | BRS | ₽ | emitting device" nductor and "ohmic adj layer | USPAT | 2001/03/12 10:29 |
| 24 | BRS | 0 | emitting device" nductor and "ohmic adj layer and rep | USPAT | 2001/03/12 10:30 |
| 25 | BRS | 0 | "light emitting device" and semiconductor adj layer and "ohmic layer" and p-type adj layer | USPAT | 2001/03/12 10:30 |
| 26 | BRS | ₽ | "light emitting device" and semiconductor adj layers and "ohmic layer" and p-type adj layer | USPAT | 2001/03/12 10:32 |
| 27 | BRS | 1 | "light emitting device" and semiconductor adj layers and "ohmic layer" and p-type adj layer | USPAT; EPO; JPO; Derwent; IBM | USPAT; EPO; JPO; Derwent 2001/03/12 10:32 ; IBM ; IBM |
| 28 | BRS | 13035 | "light emitting device" | USPAT; EPO; JPO; Derwent; IBM TDB | 2001/03/12 10:33 |
| 29 | BRS | 671 | "light emitting device" and semiconductor adj layers | USPAT; EPO; JPO; Derwent; IBM TDB | 2001/03/12 10:34 |
| 30 | BRS | 125 | "light emitting device" and semiconductor adj layers and p-type adj layer | | USPAT; EPO; JPO; Derwent 2001/03/12 10:34 ; IBM |

| 36 H | 35 I | 3 4 H | 33 | 32 E | 31 E | |
|--|---|---|---|---|--|-------------|
| BRS | BRS | BRS | BRS | BRS | BRS | Туре |
| | 0 | 707 | 2202163 | · | 87 | Hits |
| "light emitting device" and semiconductor adj layers and p-type adj layer and n-type adj layer and "ohmic layer" | "light emitting device" and semiconductor adj layers and p-type adj layer and adj layer and reflector adj layer and rohmic layer" | "light emitting device" and semiconductor adj layers and p-type adj layer and reflector layer and "ohmic layer" | "light emitting device" and semiconductor adj layers and p-type adj layer and reflector layer | "light emitting device" and semiconductor adj layers and p-type adj layer and reflector adj layer | "light emitting device" and semiconductor adj layers and p-type adj layer and n-type adj layer | Search Text |
| USPAT; EPO; JPO; Derwent; IBM | USPAT; EPO; JPO; Derwent; IBM TDB | T; ent | USPAT; EPO; JPO; Derwent; IBM | USPAT; EPO; JPO; Derwent ; IBM TDB | USPAT; EPO; JPO; Derwent; IBM TDB | DBs |
| 2001/03/12 10:41 | 2001/03/12 10:40 | 2001/03/12 10:39 | 2001/03/12 10:39 | 2001/03/12 10:38 | USPAT; EPO; JPO; Derwent 2001/03/14 13:31 ; IBM ; IBM | Time Stamp |
| | | | - | | | Comments |

| | 42 | 41 | 40 | 39 | ω 8 | 37 | |
|-------|--|--|---|---|---|--|-------------|
| | BRS | BRS | BRS | BRS | BRS | BRS | Туре |
| | 0 | 0 | 0 | 0 | 9 | 2 | Hits |
| | "light emitting device" and semiconductor adj layers and p-type adj layer and ohmic and replicate" | "light emitting device" and semiconductor adj layers and p-type adj layer and ohmic and replicator | "light emitting device" and semiconductor adj layers and p-type adj layer and ohmic and reproduce | "light emitting device" and semiconductor adj layers and p-type adj layer and n-type adj layer and ohmic and reproducer | "light emitting device" and semiconductor adj layers and p-type adj layer and n-type adj layer and ohmic and mirror | "light emitting device" and semiconductor adj layers and p-type adj layer and n-type adj layer and ohmic and reflect | Search Text |
| + 7 7 | USPAT; EPO; JPO; Derwent; IBM | USPAT; EPO; JPO; Derwent; IBM TDB | T; ent | USPAT; EPO; JPO; Derwent; IBM TDB | USPAT; EPO; JPO; Derwent; IBM TDB | USPAT; EPO; JPO; Derwent ; IBM TDB | DBs |
| | 2001/03/12 10:48 | 2001/03/12 10:48 | 2001/03/12 10:48 | 2001/03/12 10:48 | 2001/03/12 10:48 | 2001/03/12 10:43 | Time Stamp |
| | | | | | | | Comments |

| ۵ | Type | Hits | Search Text ht emitting diode" ar conductor adj layers | and p-type | DBs USPAT; EPO; nd p-type JPO; |
|---------------|------|------|--|------------|---|
| 4 3 | BRS | 0 | n-type adj layer a licate | (| (|
| 44 | BRS | 0 | "light emitting diode" and semiconductor adj layers and p-type adj layer and ohmic and reproduce | ŏ | |
| 45 | BRS | . Ω | "light emitting device" and semiconductor adj layers and p-type adj layer and ohmic | рe | USP/ EPO; JPO; Derw TDB |
| 46 | BRS | 13 | "light emitting diode" and semiconductor adj layers and p-type adj layer and ohmic and mirror | ŏ | USPAT; EPO; pe JPO; Derwent 2001/03/12 10:50 ; IBM TDB |
| 47 | BRS | 0 | 5351255.pn. and nickel and silver | | USPAT 2001/03/13 |
| 48 | BRS | 0 | 5351255.pn. and nickel | | USPAT 2001/03/13 10:49 |
| 49 | BRS | 1 | 5351255.pn. | | USPAT 2001/03/13 |
| 50 | BRS | Р | "light emitting device" and semiconductor adj layers and p-type adj layer and ohmic and reflectivity | Ď | USPAT; EPO; Pe JPO; Derwent 2001/03/13; IBM TDB |

| 57 | Type BRS | Hits | "light emitti semiconductor adj layer and ohmic and abs "light emitti semiconductor | Search Text ng device" and adj layers and n-type adj layer orb ng device" and adi layers and | Search Text DBs USPAT; ng device" and p-type JPO; n-type adj layer and p-type Derwent orb TDB USPAT; ng device" and p-type JPO; n-type adj layer and SPAT; ng device" and p-type JPO; indicate the series of type JPO; adj layers and p-type JPO; adj layers and p-type JPO; |
|-------|-------------|------|---|--|---|
| BRS 1 | н | 12 | emitting device" nductor adj layers yer and n-type adj and absorption | p-type er and | USPA |
| BRS | | 21 | "light emitting device" and "GaN" reflectivity | and | |
| 60 | BRS | 21 | "light emitting device" and "GaN" reflectivity | " and | and |
| 61 | BRS | ω | "light emitting device" and "GaN" "ohmic" and "multi layer" and reflectivity | N" and | and |
| 62 | BRS | 11 | "light emitting device" and "GaN" "ohmic" and reflectivity | N" and | • |
| 63 | BRS | | 5351255.PN. | | USPAT 2001/03/14 |

| | Туре | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|------|--|-------|------------------|----------|
| 64 | BRS | 0 | | USPAT | 2001/03/14 18:13 | |
| 65 | BRS | 6 | 5351255.PN. OR 5585648.PN. OR 5932896.PN. OR 6190937.PN. OR USPAT 6057565.PN. OR 5990500.PN. | USPAT | 2001/03/14 18:13 | |

| | Туре | Hits | Search Text | DBs | Time Stamp |
|---|------|------|--|---|---------------------|
| 1 | BRS | 0 | "light emitting device" and semiconductor adj material and "p-type layer" and "n-type layer" and "ohmic layer" and "reflector layer" | EPO; JPO; | |
| 2 | BRS | 4 | "light emitting device" and semiconductor adj material and "p-type layer" and "n-type layer" and ohmic and reflector | EPO; | |
| 3 | BRS | 0 | "light emitting device" and semiconductor adj material and "p-type layer" and "n-type layer" and ohmic and reflector | TDO | 2001/03/15 09:38 |
| 4 | BRS | 0 | . "light emitting device" and "p-type layer" and "n-type layer" and ohmic and reflector | EPO; JPO; Derwen t; IBM TDB | 2001/03/15 09:38 |
| 5 | BRS | 0 | "light emitting device" and semiconductor adj material and "p-type layer" and "n-type layer" and ohmic and mirror | | 2001/03/15 09:39 |
| 6 | BRS | 0 | "light emitting device" and semiconductor adj material and "p-type" and "n-type" and ohmic and mirror | EPO; JPO; Derwen t; IBM TDB | 2001/03/15 09:39 |
| 7 | BRS | 0 | semiconductor adj material and "p-type" and "n-type" and and obmic and mirror | EPO; JPO; Derwen t; IBM TDB | 2001/03/15 09:39 |

| | Туре | Hits | Search Text | DBs | Time Stamp |
|----|------|------|--|---|---------------------|
| 8 | BRS | 0 | "light emitting device" and semiconductor adj material and "multi layers" and ohmic and mirror | EPO; JPO; Derwen t; IBM TDB | 2001/03/15 09:40 |
| 9 | BRS | 0 | "light emitting device" and semiconductor and "multi layers" and ohmic and mirror | EPO; JPO; Derwen t; IBM TDB | 2001/03/15 09:40 |
| 10 | BRS | 0 | "light emitting device" and semiconductor and "multi layers" and mirror | EPO; JPO; Derwen t; IBM TDB | 2001/03/15 09:41 |
| 11 | BRS | 0 | "light emitting device" and "multi layers" and mirror and ohmic | EPO; JPO; Derwen t; IBM TDB | 2001/03/15 09:41 |
| 12 | BRS | 0 | "light emitting device" | EPO; JPO; Derwen t; IBM TDB | 2001/03/15 09:41 |
| 13 | BRS | 8576 | "light emitting device" | EPO; JPO; Derwen t; IBM TDB | 2001/03/15 09:41 |
| 14 | BRS | 6 | "light emitting device" and ohmic adj layer | EPO; JPO; Derwen t; IBM TDB | 2001/03/15 09:42 |
| 15 | BRS | 0 | "light emitting device" and ohmic adj layer and reflector | EPO; JPO; Derwen t; IBM TDB | 2001/03/15 09:42 |

| | Туре | Hits | Search Text | DBs | Time Stamp |
|----|------|------|--|---|---------------------|
| 16 | BRS | 0 | "light emitting device" and ohmic adj layer and mirror | EPO; JPO; Derwen t; IBM TDB | 2001/03/15 09:42 |
| 17 | BRS | 1 | "light emitting device" and ohmic and mirror | EPO; JPO; Derwen t; IBM TDB | 2001/03/15 09:42 |